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(21) International Application Number: PCT/GBS (22) International Filing Date: 8 April 1997 (C (30) Priority Data: 9607711.0 13 April 1996 (13.04.96)  (71) Applicant (for all designated States except US): THE USITY OF SHEFFIELD [GB/GB]; Western Bank, Series South Yorkshire S10 2TN (GB).  (72) Inventor; and (75) Inventor/Applicant (for US only): HEATH, Andrew, Inventor (GB/GB); University of Sheffield Medical School ical, Microbiology, Beech Hill Road, Sheffield Series (GB).  (74) Agent: JONES, William; The Crescent, 54 Blosson York YO2 2AP (GB).	ONIVE Sheffiel Willia of Me S10 2R	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  Published  Without international search report and to be republished upon receipt of that report.
(54) Title: T-CELL DEPENDENT VACCINE AND THE CELL SURFACE RECEPTOR CD28		

## (57) Abstract

The invention relates to a novel vaccine suitable for enhancing T-cell dependent immunity comprising a T-cell dependent antigen, such as a soluble protein, and an associated adjuvant, the adjuvant being adapted to stimulate a T-cell lymphocyte via the cell surface receptor CD28.